



Theoretical Mechanics basic tutorial

By LU SHENG ZHI

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Pages Number: 330 Publisher: Beijing Normal University Press Pub. Date: 2004-1-1. This book includes particle kinematics. rigid body kinematics. particle dynamics. nonlinear vibrations. non-inertial particle mechanics. the regular equations. rigid body dynamics. 11 vertex chapter. Contents: Chapter particle kinematics 1-1 describe the particle motion vector description of 1-2 with the Cartesian coordinate plane particle motion described in 1-3 polar particle motion described in 1-4 of the cylindrical coordinates of the spherical coordinates. the particle motion Description 1-5 describe particle motion in natural coordinates thinking questions Exercises Chapter rigid rigid-body kinematics of 2-1 of the translational and rotational rigid body 2-2 rigid body fixed axis angular velocity of the planar rigid body concept 2-3 parallel to the fixed rigid body motion 2-4 2-5 free movement of general rigid body motion 2-6 that the angular displacement is the vector of infinitesimal thinking questions Exercises Chapter particle dynamics 3-1 3-2 Newton's law of motion of the particle motion differential equations 3-3 particle momentum theorem and the momentum conservation law 3-4 particle angular momentum and angular momentum conservation law 3-5 particle kinetic energy...



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